

SERDOBOL'SKIY, I.P.; KHEYFETS, D.M.; FEDOROVSKIY, D.V.; SOKOLOV, A.V.,  
doktor sel'khoz. nauk, otv. red.; SHKONDZ, E.I., kand. sel'-  
khoz. nauk, otv. red.; PAVLOV, A.N., red. izd-va; RYLINA,  
Yu.V., tekhn. red.

[Agrochemical characteristics of the soils in the U.S.S.R.]  
Agrokhimicheskaya kharakteristika pochv SSSR. Moskva,  
Vol.2. [Areas in the Central Chernozem Belt and the Moldavian  
S.S.R.] Raiony Tsentral'noi chernozemnoi polosy i Moldavskoi  
SSR. 1963. 261 p. (MIRA 16:7)

1. Akademiya nauk SSSR. Pochvennyy institut im. V.V. Dokuchayeva.  
(Central Chernozem Region--Soils) (Moldavia--Soils)

KHEYFETS, D.M.

Comparing methods for the determination of readily soluble phosphates  
in the soils of various zones of the Soviet Union. Agrokhimiia no.4:  
3-21 Ap '64. (NIRA 17:10)

1. Pochvennyy institut imeni Dokuchayeva, Moskva.

KHEYFETS, David Samuilovich; FURMAN, S.I., otv. red.; KOKORIN,  
Yu.I., red.; MARKOCH, K.G., tekhn. red.

["Temp-6" and "Temp-7" television receivers] Televizory  
"TEMP-6" i "TEMP-7." Moskva, Sviaz'izdat, 1963. 80 p.  
(Biblioteka "Televizionnyi priem" no.10) (MIRA 17:3)

KHEYFETS, David Samuilovich; KOKORIN, Yu.I., red.

[The "TEMP" television receivers (models 6,7 and 6M)]  
Televizory "TEMP" (Modeli 6, 7 i 6M). Izd.2., dop. Mo-  
skva, Sviaz'. 1965. 64 p. (Biblioteka "Televizionnyi  
priem," no.19) (MIRA 18:4)

KHEYFETS, F.

Chemistry - Rubbers

MAY/JUN 59

"Investigations of Rubber Vulcanization. I. Vulcanization of Natural Rubber With a Sulfur-Dicarbo-Hydrogen Sulfide Mixture," S. Dognin, V. Kuznetsov, Sci. Res Inst. of the USSR, Ind. "Akad. Nauk" Vol. XIV, No. 3, pp 157-163

The dynamics of the change of rubber during vulcanization by the above method, without use of any customary sulfur vulcanizer are described. By a monotonic curve with no optimum vulcanization point. After repeated vulcanization cycles, a content of

a rubber of 3% reduces the tensile strength. Change of stability of the vulcanized rubber as a function of the sulfur content are considered. The stand point of the effect of the vulcanization of the network of the vulcanized rubber on orientation processes during deformation.

21701

L 3381-66 EWT(s)/EWP(j)/T

RM

UR/0138/65/000/008/0042/0044

ACCESSION NR: AP5022093

678.06:685.314.33.002.2

44

AUTHOR: Tokareva, T. Ye.; Snitsarenko, L. G.; Volkova, N. A.; Baksht, O. V.

44

Zel'dich, E. I.; Kheyfets, F. M.

44

TITLE: Compounding and technology for manufacturing winter-proof boots

50

46

SOURCE: Kauchuk i resina, no. 8, 1965, 42-44

5

TOPIC TAGS: rubber chemical, antifreeze, synthetic material, butadiene styrene rubber, filler, plasticizer, thermoelasticity, special purpose clothing, rubber/SKMS-10 rubberABSTRACT: Formulations and technology for making frost-resistant boots which retained their elasticity at -50C were worked out and introduced commercially. Formulations for all parts except the tricot-backed boot tops were based on frost resistant rubber SKMS-10, and natural rubber was used in formulation for fabric application. The antifreeze effectiveness of dibutylphthalate, dibutylsebacinate, MVP oil, "plasticizer" oil and transformex oil was evaluated. The first two compounds gave the best frost-resistance at -50 C, and formulations containing dibutylphthalate had the greatest resistance to aging and became brittle below

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L 3381-66

ACCESSION NR: AP5022093

-65C. Different types of carbon black had little effect on frost-resistance. Manufacturing technology for making frost-resistant regular and fisherman's boots is analogous to that for making ordinary molded boots. Orig. art. has: 2 tables

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy (Scientific Research Institute for Rubber and Latex Products); Zavod "Krasnyy bogatyr" (Krasnyy Bogatyr" Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, IE

NR REF SOV: 005

OTHER: 000

Card 2/2 Ad

BERKH, Ye.M., kand.ekon.nauk; KORNIUSHINA, A.P., inzh.; KRAMM, A.S., inzh.;  
BARLYAYEVA, M.S., inzh.; KHEYZETS, F.N., inzh.

Potentials for the growth of labor productivity in the lime  
industry. Sbor. trud. ROSNIIMS no.20:119-125 '61. (MIRA 16:1)  
(Lime industry—Labor productivity)

KRASIL'SHCHIKOVA, B., inzh.; KHIVETS, G., inzh.

Painting drinking water tanks with paints having an Kh-40 synthetic resin base. Mor.flot 19 no.9:33-34 S '59. (MIRA 12:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut morskogo flota.  
(Tanks) (Paint)

KHEYFETS, G.M.; KHROMOV-BORISOV, N.V.

New method of synthesizing 5-chloro-4,6-dihydroxypyrimidine.  
Zhur. ob. khim. 34 no.11:3851-3852 N '64 (MIRA 18:1)

1. 1-y Leningradskiy meditsinskiy institut imeni I.P.Pavlova.

BERSHTEYN, V.A.; KRASIL'SHCHIKOVA, B.L.; MATVEYEV, V.H.; RYT, E.Sh.;  
KHEYFETS, G.M.

Paints used for protecting the underwater portion of seagoing  
ships' hulls from corrosion and fouling. Trudy TSMIIMF no.25:  
31-72 '59. (MIRA 12:8)

(Paints) (Ships--Painting)

KHEYFETS, G.M.

Paints used for ships' drinking water tanks. Trudy TSNIIMP  
no.25:87-94 '59. (MIRA 12:8)  
(Paints) (Tanks) (Ships--Water supply)

KHEYFETS, O.M.; KHROMOV-BORISOV, N.V.; KOL'TSOV, A.I.

Structure of 4,6-dihydroxypyrimidine and its N-methylated derivatives. Dokl. AN SSSR 166 no. 3:635-638 Ja '66.

(MIRA 19:1)

1. 1-y Leningradskiy meditsinskiy institut im. I.P. Pavlova.  
Submitted May 20, 1965.

FEL'DMAN, I.Kh.; KHEYFETS, G.M.

Syntheses in the primidine series. Part 3: Preparation of some alkylaminoalkylpyrimidyl sulfides and compounds closely related to them. Zhur. ob. khim. 31 no.3:755-758 Mr '61. (MIRA 14:3)

1. Leningradskiy khimiko-farmatsevticheskiy institut.  
(Sulfides) (Pyrimidine)

KHEYFETS, G.M.; KHROMOV-BORISOV, N.V.

Structure of 4,6-dihydroxypyrimidine and its 5-methyl analog.  
Zhur. ob. khim. 34 no.9:3134-3135 S '64.

(MIRA 17:11)

FEL'DMAN, I. Kh.; KHEYFETS, G. M.

Synthesis of Somnevrine. Med. prcm. 15 no.12:17-18 D '61.

(MIRA 15:2)

1. Leningradskiy khimiko-farmaceuticheskiy institut.  
("HIAZOLE")

KHEYFETS, G.M.; KHRONOV-BORISOV, N.V.

Synthesis of N-methyl-4-oxypyrimidin-6-one. Zhur. org. khim. 1  
no.6:1173 Je '65. (MIRA 18:7)

1. 1-y Leningradskiy meditsinskiy institut imeni Pavlova.

BEZVERKHIIY, P.A., kand.tekhn.nauk; KHEYFETS, G.N., kand.tekhn.nauk,  
TOV, V.B., inzh.

Short-flame fuel oil combustion. Metallurg 5 no.7:31-34 J1 '60.  
(MIRA 13:7)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.  
(Oil burners)

L 04154-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD  
ACC NR: AR6016528

SOURCE CODE: UR/0276/65/000/012/B039/B039

AUTHOR: Kheyfets, G. N.; Yankovskiy, V. M.; Kadinova, A. S.; Shkurenko, A. A.; 33  
Feyglin, V. N.; Tikhonyuk, A. N. B

TITLE: Determining the basic parameters for cooling of gas cylinders during jet annealing

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 12B294

REF SOURCE: Sb. Proiz-vo trub. Vyp. 15. M., Metallurgiya, 1965, 72-79

TOXIC TAGS: liquid gas container, annealing, cooling

ABSTRACT: A method is proposed for studying the process of jet annealing of thick-walled gas cylinders to obtain data necessary for designing jet cooling devices. An experimental laboratory installation is designed and manufactured for individual and simultaneous water-cooling of the outer and inner surfaces of a gas cylinder while it is rapidly rotated to equalize cooling along the perimeter. The schematic diagram and technical characteristics of the experimental installation are given. Practical curves are plotted for cooling along the cross section of the cylinder wall, the rate of flow of the coolant is determined and a method is found for cooling the cylinder wall at the required rate. Heat treatment conditions are established for cylinders made of 40Kh steel. The workpiece is heated to the prequenching temperature of 870°C

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UDC: 621.785.6

L 04154-67

ACC NR: AR6016528

in a batch-type furnace, held at this temperature for 40 minutes, cooled in a bilateral (inside and outside) jet cooling device, annealed at a temperature of 500°C and held at this temperature for 2 hours. It is shown that bilateral cooling gives the cylinder practically identical mechanical properties with respect to length and cross section and that these properties satisfy technical specifications. Schematic diagrams are developed for cooling devices to be used in annealing high-capacity gas cylinders. 6 illustrations, 1 table, bibliography of 3 titles. [Translation of abstract]

SUB CODE: 13

Card 2/2 *fl*

L 23312-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(l) 12/1  
ACC NR: AP6011200 SOURCE CODE: UR/0413/66/000/006/0032/0032

INVENTOR: Semenov, O. A.; Alfarova, N. S.; Yankovskiy, V. M.; Kolesnik, B. P.; Ostrin, G. Ya.; Plyatskovskiy, O. A.; Kheyfets, G. N.; Gleyberg, A. Z.; Chemerinskaya, R. I.; Gomelauri, N. G.; Blanter, M. Ye.; Sharadzhenidze, S. A.; Suladze, O. N.; Gol'denberg, A. A.; Tsereteli, P. A.; Ubiriya, A. Ye.; Seperteladze, O. G.

ORG: none

TITLE: Method of manufacturing strengthened tubes. Class 18, No. 179786 [announced by the Ukrainian Scientific Research Institute of Pipes (Ukrainskiy nauchno-issledovatel'skiy trubnyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 32

TOPIC TAGS: tube manufacturing, tube rolling, tube strengthening, tube heat treatment

ABSTRACT: This Author Certificate introduces a method of strengthening hot-rolled tubes. According to this method, the hot-rolled tube is quenched immediately after it leaves the first rolling mill, and then is sized or reduced at a tempering temperature.

[ND]

SUB CODE: 13/ SUBM DATE: 12Nov63/ ATD PRESS: 4230

Card 1/1 ULR

UDC: 621.78.08.621.771.2

KHEYFETS, G.N.; TOV, V.B.

Methods of approximate calculations for the heating and cooling  
of pipe with a constant temperature of the surrounding atmosphere.  
Izv.vys.ucheb.zav.; chern. met. 8 no.4:195-201 '65.

1. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorsko-tehno-  
logicheskiy institut trubnoy promyshlennosti. (MIRA 18:4)

KHEYFETS, G.N., kand.tekhn.nauk; TOV, V.B., inzh.; MARKEVICH, V.M., inzh.;  
PIVAK, Yu.N., inzh.

Operations of a test chamber in a compartment furnace for rapid  
heating on natural gas. Stal' 22 no.2:170-173 F '62. (MIRA 15:2)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.  
(Furnaces, Heating--Testing)

KADINOVA, A.S.; KHEYFETS, G.N.; TAYTS, N.Yu.

Nature of heat transfer in spray cooling. Inzh.-fiz. zhur. 6  
no.4:46-50 Ap '63. (MIRA 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut,  
Dnepropetrovsk.

(Heat-Transmission) (Cooling)

KADINOVA, A.S., inzh.; KHEYFETS, G.N., kand.tekhn.nauk

Comparative evaluation of two types of spray quenching systems for  
pipe hardening. Stal' 23 no.7:656-658 Jl '63. (MIRA 16:9)  
(Pipe, Steel) (Steel—Quenching)

KHEYFETS, G.N., kand. tekhn. nauk; KADINOVA, A.S., inzh.

Investigating an axial-type jet, cooling apparatus. Proizv. trub  
no.10:86-90 '63. (MIRA 17:10)

Card 373

KHEYFETS, I.B.

Some problems involved in the use of the lower oil discharge device of tank cars. Neft. khoz. 42 no.4:64-66 Ap '64. (MIRA 17:9)

KHEYFETS, G.N., kand. tekhn. nauk; YANKOVSKIY, V.M., kand. tekhn. nauk;  
SORKIN, I.I., kand. tekhn. nauk; KADINOVA, A.S., inzh.; FEYGLIN,  
V.N., inzh.; TIKHONYUK, A.N., inzh.; SHKURENKO, A.A., inzh.;  
KHOMESENKO, A.G., inzh.

Steam hardening of high-capacity cylinders. Stal' 25 no.8:849-  
852 S '65. (MIRA 18:9)

*KHEYFETS, I. D.*

8(6), 14(6)

SOV/112-59-4-6800

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4,  
pp 56-57 (USSR)

AUTHOR: Nikolayshvili, M. S., Karaulov, A. A., and Kheyfets, I. D.

TITLE: AC Schemes of Stationary Auxiliaries for Medium-Capacity Hydroelectric Power Plants. AC Auxiliaries. DC Auxiliaries.

PERIODICAL: V sb.: Novoye v proyektir. elektr. chasti gidroelektrost. M.-L., Gosenergoizdat, 1957, pp 50-58, 58-61, 120-125

ABSTRACT: Division of hydroelectric-station auxiliaries into three priority groups is presented. The groups depend in part on local conditions and on the station nature. The table of station-auxiliary consumers compiled by LenGIDEP for 9 hydroelectric stations shows widely varying consumers. Some common peculiarities of auxiliaries at certain hydroelectric stations become clear from the table. The system of auxiliaries depends on the station capacity. A scheme of auxiliaries at a station up to 50 Mw, where the essential motors are

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SOV/112-59-4-6800

## AC Schemes of Stationary Auxiliaries for Medium-Capacity Hydroelectric . . .

connected to the central auxiliary switchboard, is presented. Normally, the switchboard is supplied by two transformers; however, at small stations, one transformer may suffice. Schemes of station auxiliaries at medium-capacity hydroelectric stations, Gruzenergo power system, are reviewed and analyzed. Disadvantages of the schemes at ZAGES, RionGES, and KramGES are noted. A standard scheme of station auxiliaries is suggested; it is based on these principles: the minimum possible number of feeders, a ring supply scheme of the essential-consumer bus with a two-bus-section central switchboard, use of change-over switches, and a minimum number of automatic devices and automatic switching under emergency conditions. The central auxiliary switchboard, at medium-capacity stations, should be placed close to the central auxiliary transformers, at the load center; the hydrturbine-generator-unit panels should be placed in pairs between the generator units. The schemes of auxiliaries at 200-600-Mw hydroelectric stations have these peculiarities:

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**AC Schemes of Stationary Auxiliaries for Medium-Capacity Hydroelectric . . .**

they include large 6-kv motors, and they provide a separate supply to the all-station and the generator-unit switchboards; the latter are usually connected to the generators via individual transformers. The supply can also be provided from the main station 6-10-kv switchgear. The supply of the unit switchboards is reserved by means of a common transformer connected to 6-10-kv switchgear. General station auxiliaries are supplied from a special 6-kv auxiliary switchgear, as well as from feed points that each have two 320-750-kva transformers. The schemes of auxiliaries at super-power hydroelectric stations should be treated individually. Such a scheme of the Krasnoyarsk hydroelectric station is presented. Special under-load-regulated transformers are recommended for lighting. Voltage-adjusting at the central auxiliary transformers is considered undesirable. Conventional switchgear apparatus meets the requirements of small and medium hydroelectric stations; small remote-operated automatic circuit-breakers of 500-1,000-1, 500-amp, are

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AC Schemes of Stationary Auxiliaries for Medium-Capacity Hydroelectric

needed for large hydroelectric stations. The DC auxiliary power is small. Type SK storage batteries continue to be the DC source, with their charging and trickle-charging machines. At stations up to 200 Mw, one battery is usually installed; at larger stations, two batteries may prove more economical because they shorten the length of cables. Standard DC schemes with 1 or 2 batteries developed by GIDEP are presented. With 2 batteries installed at the same time, there is no need for end-cell switches. Schemes of automatic DC-voltage control effected by relays controlling the end-cell switch are described. Considerations are submitted in favor of the AC control current, whose adoption is deferred by the absence of AC operating mechanisms for high-capacity circuit-breakers.

S.S.L.

Card 4/4

LEV, I.Ye.; KOVTUN, M.S.; KHEYFERS, I.O.

Phase analysis of cast iron Ukr.khim.zhur. 21 no.5:655-660 '55.

(MLRA 9:3)

1. Dnepropetrovskiy metallurgicheskiy institut imeni I.V. Stalina.  
(Cast iron--Analysis)

AUTHORS:

Grechnyy, Ya.V. and Kheyfets, I.G.

SOV/128-58-12-8/21

TITLE:

The Importance of the Surface in the Graphitization of Iron Alloys (O roli poverkhnosti pri grafitizatsii zheleznykh splavov)

PERIODICAL:

Liteynoye proizvodstvo, 1958, Nr 12, pp 14 - 17 (USSR)

ABSTRACT:

With reference to existing debatable data on the graphitization of white iron, which is supposed to depend on the migration of vacancies and the specimen surface, special tests were performed with two-layer specimens coated with chrome cast-iron. The tests, which are described in detail, proved that retardation of graphitization depended on the reduced migration rate of vacancies from the surface through the layer of chrome cast-iron. The conclusion is drawn that the effect of chromium on graphitization kinetics in iron-carbon alloys is connected with the reduced rate of vacancy diffusion, and that the experiments confirm the existing theory of the importance of the specimen surface as the source of vacancies indispensable for the graphitization

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SOV/128-58-12-3/21  
The Importance of the Surface in the Graphitization of Iron Alloys

process in such alloys. The described method is recommended for determining the interdependence between the rate of graphitization, vacancy diffusion, and the effect of the alloying element. There are 7 microphotos, 1 diagram, 1 table and 10 references, 6 of which are Soviet and 4 English.

Card 2/2

GLAZ, Abram Il'ich; GETLING, B.V., kand.tekhn.n. x, red.; KHIVYETS,  
I.G., nauchnyy red.; KONTSEVAYA, N.M., red.; PERSON, M.I.,  
tekhn.red.

[Handbook for the young electrical engineer] Spravochnik  
molodogo elektrotekhnika. Izd.2., ispr. i dop. Pod red. B.V.  
Getlinga. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhsdat,  
1960. 463 p. (MIRA 13:5)  
(Electric engineering—Tables, calculations, etc.)

KHEIFETS, I.G., insh.

Using fused furnace slag in making slag wool. Suggested by  
I.G. Kheifets, Rats.i izobr.predl.v stroi. no.14:73-75 '60.  
(MIRA 13:6)

1. Po materialam tresta Donbassenergostroy.  
(Mineral wool)

GLAZ, Abram Il'ich; GETLING, B.V., kand. tekhn. nauk, red.; KHEYFETS,  
I.G., nauchnyy red.; KONTSEVAYA, E.M., red.; PERSON, M.N.,  
tekhn. red.

[Manual for beginning electricians] Spravochnik mol'odogo elektro-  
tekhnika. Pod red. B.V. Getlina. 3. izd., ispr. Moskva, Prof-  
tekhnizdat, 1961. 463 p. (MIRA 15:4)  
(Electric engineering--Handbooks, manuals, etc.)

KEEYFETS, I.G. [Heyfets, I.H.]

Graphitization of chromium cast iron. Dop. AN URSR no. 2:192-196 '61.  
(MIRA 14:2)

I. Dnepropetrovskiy filial Ukrainskogo nauchnogo politekhnicheskogo  
Instituta. Predstavлено академиком AN USSR K.F. Starodubovym.  
(Cast iron-Metallurgy)

KHEYFETS, I.G.

Graphitization of chromium cast iron. Izv. vys. ucheb. zav.; chern. mat. 6 no.3:153-158 '63. (MIRA 16:5)

1. Dnepropetrovskiy filial Ukrainskogo zaochnogo politekhnicheskogo instituta.  
(Cast iron—Metallography) (Annealing of metals)

KHEYFETS, I.G., inzh.

"Fiberplast," a roofing and waterproofing material. Stroi.mat. 9  
no. 9:25-27 S '63. (MIRA 16:10)

POGREBNOY, E.N., kand. tekhn. nauk; KHEYFETS, I.G., kand. tekhn. nauk

Graphitizing hardened white cast iron. Lit. proisv. no.9:24-25 S  
'65. (MIRA 18:10)

82781

SOV/184-59-5-9/17

5.1000

AUTHORS: Rudev, V.B., Kheyfets, I.Kh., Engineers

TITLE: Calculating the Strength of Curved Steel Pipe Sections Under Internal Pressure

PERIODICAL: Khimicheskiye mashinostroyeniye, 1959, Nr. 5, pp. 26-29 (USSR)

ABSTRACT: At the Irkutskiy filial Giproneftemasha (Irkutsk Branch of Giproneftemash), the authors developed a method of calculating the strength of curved pipe sections. The calculation method of Z.B. Kantorovich (Ref. 1) for straight pipe sections can be used only for thin-walled tubes, if the curvature is small and if the wall thickness is equal over the cross-section. The method suggested by the authors, however, can be used for calculating thin- and thick-walled pipe sections of different curvatures and cross-sections. The curved pipe sections may have round or oval cross-sections, the latter are regarded as a general case of an elbow cross-section. Since additional bending stresses caused by ovality do not influence the strength of thin-walled steel pipes, these stresses can be neglected in the calculation. Experiments performed by the authors revealed that the strength of thick-walled curved pipes with a limited ovality, produced by bending, does not depend either on the additional stresses caused by ovality.

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## Calculating the Strength of Curved Steel Pipe Sections Under Internal Pressure

Consequently, the authors did not take these stresses into account in their method. In some cases, however, these stresses must be taken into consideration. For this purpose, special calculation methods are being developed at the Irkutsk Branch of Giproneftemash. The description of these methods is beyond the scope of this article. In particular they prove that the influence of the ovality on the strength decreases with increasing pipe curvature. Formulas for tangential stresses (9), (8) and (10) and axial stresses (12) for the inner and outer walls are derived. Using these formulas and taking the radial stress  $\sigma_r = -p$  ( $p$  - pressure of the medium in a pipeline), the equivalent stresses on the walls can be determined:

$$\sigma_e = \sqrt{0.5 \left[ (\sigma_t - \sigma_a)^2 + (\sigma_a - \sigma_r)^2 + (\sigma_r - \sigma_t)^2 \right]} \quad (11)$$

where  $\sigma_t$  - mean tangential stress

$\sigma_a$  - axial stress

$\sigma_r$  - radial stress

The tests were carried out on elbows at pressures of 320 and 700 atmospheres using a pump capable of producing 5000 atmospheres. Pressures were measured by a special device with an accuracy of up to 50 atmospheres, which is 1-3% of the pressure to be measured. The

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## Calculating the Strength of Curved Steel Pipe Sections Under Internal Pressure

elbow dimensions and other experimental data were compiled in Tables 1 and 2. The specimens were made of different grades of steel, for example "20 XM" (20KhM), "30 XFC" (30KhGS), "Cr.4" (St.4), "3M579" (EI579), grades "20" and "30". In all elbows, except two, the breakdown occurred in that wall section for which a stress maximum had been calculated. The calculated equivalent stresses at the moment of breakdown coincide fairly well with the tensile strength of the metal. Elbows having a uniform wall thickness broke down on the inside walls in agreement with stress values calculated by formulas (8) - (10). The change of the wall thickness was calculated under the assumption that the length of the pipe along the symmetry axis does not change. These calculations have shown that the inner and outer walls of the curved section have practically the same strength as the straight part if  $R/D > 3$ . For parts with sharper bends, the wall strength ratio depends on the bending technology. For this reason, the permissible radius of the ratio  $R/D \approx 3.5$  was adopted in the "Norms for Parts of High-Pressure Pipelines" developed in 1957 by the Irkutsk Branch of Giproneftemash; previously, it was  $R/D > 5$  (for example, in the nitrogen industry). At one plant, where operating conditions cause an intensive wear of walls of curved

Card 3/4

KHEYFETS, I.Kh., inzh.; RUDEV, V.B., inzh.; MODESTOV, B.S., inzh.

Method of designing the flanged joints of high-pressure pipe-lines with lenticular laying. Khim.mashinostr. no.3:25-28  
My-Je '63.

(MIRA 16:11)

KHEYFETS, I.L.; BOGATKOV, A.S.

Forging and annealing blanks for dies used in cold upsetting.  
Kuz.-shtam.proizv. 5 no.4a16-17 Ap '63. (MIRA 1684)  
(Forging) (Annealing of metals) (Dies (Metalworking))

SHEKA, Z.A.; KRISS, Ye.Ye. XHENTETS, I.M.

Removal of cobalt impurities from zinc solutions by the xanthogenate method with the use of hydrogen peroxide. Ukr. khim. zhur. 26 no. 5:658-662 '60. (MIRA 13:11)

1. Institut obshchey i neorganicheskoy khimii AN USSR.  
(Zinc) (Cobalt) (Xanthic acid)

SHEKA, Z.A.; KHEYFETS, I.M.; KOTORLENKO, I.A.

Treatment of cobalt xanthogenate cakes. Ukr. khim. zhur. 26 no.6:  
776-780 '60. (MIRA 14:1)

1. Institut obshchey i neorganicheskoy khimii AN USSR.  
(Cobalt compounds) (Xanthic acid)

KHEYFETS, I. S.

25656 KHEYFETS, I. S.

Avtolezh nevye dorogi s. perenosnym verkhnim stroeniem dlya vremennykh usov.  
Les. Prom-st', 1948, №. 6, s. 6-7.

SO: Letopis' Zhurnal'nykh Stat'ty, No. 30, Moskva, 1948

YEGOROV, M.P.; KHEYFETS, I.S.; OBLOKULOV, S., red.; SALAKHUTDINOVA, A.,  
tekhn. red.

[Organizing the working area of a machine-tool operator] Sta-  
nokchining ish urnini tashkil etish. Toshkent, Uzbekiston SSR  
davlat nashrieti, 1961. 69 p. [In Uzbek] (MIRA 15:1)  
(Machine-shop practice)

KHEYFETS, L.; PETRICHENKO, S.; GOGIN, N.; SVISTUNOV, A. (Chelyabinsk)

Readers letters. Pozh.delo 5 no.11:31-32 N '59. (MIRA 13:4)

1. Nachal'nik Otdela gosudarstvennogo pozharnogo nadzora  
Upravleniya pozharnoy otkrany Saratovskogo oblastspolkoma (for  
Kheyfets). 2. Starshiy rayonnyy pozharnyy inspektor, selo Mlinovo,,  
Roveneskaya oblast' (for Petrichenko). 3. Nachal'nik Leningradskoy  
pozharno-tehnicheskoy vystavki (for Gogin).  
(Fire prevention) (Fire extinction)

~~KHEYFETS, L., inshener.~~

~~Loran. Mor. flct 7 no.9:37-42 S 147. (MIRA 9:6)~~  
~~(Loran)~~

KHEYFETS, L.

"Settle Down in Our Sakhalin!" (Pereselyaites e nam na Sakhalin.) Yuzhno-Sakhalinskiy gaz. "Sov. Sakhalin," 1955. 39 Str.

KHEYFETS, L., inzhener (Kiyev); YAROVSKIY, Yu., inzhener (Kiyev).

Use of natural gas on airports. Grazhd.av. 13 no.1:23-24 Ja '56.

(MLRA 9:5)

(Gas. Natural) (Airports)

SOV/84-58-7-9/46

AUTHOR: Kheyfets, I., Docent, Candidate of Technical Sciences

TITLE: Airmen Mastering the An-10 Airliner (Aviatory  
osvaiayut samolet An-10)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 7, p 9 (USSR)

ABSTRACT: The article reports on the organization and equipment of the special courses for the engineering and technical staff members for operation and maintenance of the An-10 airliner. The courses are organized at the Kiyev Civil Aviation Institute under the guidance of professors and instructors of the Institute. The following subjects are taught: power plants, air-frame design, electrical equipment, technical operation. Final examinations comprise two disciplines: materiel, and the operation of plane and engines. The shortage of textbooks and visual aids is laid to the Aeroflot Publishing House (Redizdat) and to the Directorate of Procurement of the Main Administration of the GVF. A photograph illustrates the text.

Card 1/1

AUTHOR: Kheyfets, L., Candidate of Technical Sciences (Kiyev) SOV/84-58-8-35/59

TITLE: Mechanization of Aircraft Maintenance — A Pressing Task  
(Mekhanizatsiya tekhnicheskogo obsluzhivaniya — aktual'naya zadacha)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 8, p 26-27 (USSR)

ABSTRACT: This is a follow-up on an earlier article entitled "A Proposal to Establish a Ground Equipment Maintenance Service" published in Nr 3 of this periodical. The authors of this article strongly support the proposal in principle but differ on some specific points. Thus, they reject the idea of creating a special chair for ground equipment at the Kiyev Institute of Civil Aviation maintaining that the equipment is inseparable from the maintenance itself. However, the equipment for maintaining airfield and airfield installations should form a separate subject and special service for which no specialists have been trained thus far. The author finds that a more profound study of the maintenance mechanization problem should be undertaken utilizing all domestic and foreign experience in this field and that lines of future development should be established for better coordination of efforts by various agencies working on technical aspects of this problem.

Card 1/1

KHEYFETS, L.; KORCHINSKIY, V.; ZELEN'KO, A.

Portable gas heater. Gruzhd.av. 16 no.1:29 Ja '59. (MIRA 12:3)  
(Heating--Equipment and supplies)  
(Airports--Cold weather conditions)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722010007-2

KHRYFETS, L. (Saratov)

District seminars. Pozhdelo 6 no.10:30 o '60. (MIRA 13:10)  
(Saratov Province—Fire prevention—Study and teaching)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722010007-2"

KHEYFETS, L., starshiy inzhener

Wage schedule and the establishment of work norms in enterprises  
manufacturing sanitary equipment and fixtures. Sots.trud 7  
no.3:127-130 Mr. '62. (MIRA 15:3)

1. Trest "Mosoblsantekhnmontazh" No.1 Glavmosoblstroya.  
(Sanitary engineering--Production standards)  
(Sanitary engineering--Job descriptions)

KHEYFETS, L.

Together with the grain growers. Pozh.delo 8 no.8:7-8 Ag  
'62. (MIRA 15:8)

1. Nachal'nik oddela Gosudarstvennogo pozharnogo nadzora  
upravleniya pozharnoy okhrany Saratovskoy oblasti.  
(Harvesting machinery--Safety measures)  
(Saratov Province--Fire prevention)

KHEYFETS, L.

The piecework wage system and awarding bonuses to workers in the construction industry. Sots. trud 3 no.3:62-66 Mr '63. (MIFA 16:3)  
(Moscow Province—Wages—Construction workers)

MOLDOVANSKAYA, G.I.; KHEYFITS, L.A.; KOKHANSKIY, A.V.; BELOV, V.N.  
[deceased]

Terpene phenols. Part 14: Isobornylphenols and products of  
their transformation. Zhur. ob. khim. 33 no.10:3392-3398 0  
'63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sintetiches-  
kikh i natural'nykh dushistykh veshchestv.

KHEYFITS, L.A.; SHULOV, L.M.; GOL'DOVSKIY, A.Ye.; BELOV, V.N.

New odorous substances based on norbornene. Trudy VNII NDV  
no.6:25-29 '63. (MIRA 17:4)

MOLDOVANSKAYA, G.I.; KHEYFITS, L.A.; PEREGUDOVА, Zh.A.; IL'INA, G.P.

Odorous substances from alkyl phenols. Report No.4: Synthesis  
of 2-tert-butylcyclohexanol and 2-tert-butylcyclohexanone, odorous  
substances with the odor of mint. Trudy VNIISNDV no.6:29-31 '63.  
(MIRA 17:4)

DOL'SKAYA, Yu.S.; SVADKOVSKAYA, G.E.; KHEYFITS, L.A.

Structure of the product of condensation of m-creol with acetone.  
Trudy VNIISNDV no.6:50-59 '63. (MIRA 17:4)

KHEYFITS, L.A.; SHULOV, L.M.; MOLDAVANSKAYA, G.I.; SKVORTSOVA, A.B.;  
NOVIKOVA, Ye.N.

Oximation of terpenocyclohexanones. Trudy VNIISNDV no.6:112-116  
'63. (MIRA 17:4)

~~KHEYFITS, L.A., kand.khim.nauk; SIMANOVSKAYA, B.A.; PEREGUDOVA, Zh.A.; BELOV, V.N.; SHAPIRO, Ye.S., insh.; KORETSKAYA, P.Z., insh.~~

Industrial process for making musteron (isobornyl-2-methylcyclohexanone). *Masl.-shir.prom.* 25 no.11:30-32 '59. (MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv (for Kheyfits, Simanovskaya, Peregudova, Belov). 2. Moskovskiy sinteticheskiy zavod (for Shapiro, Koretskaya). (Odorous substances) (Cyclohexanone)

3  
S/079/60/030/05/66/074  
B005/B126

AUTHORS: Kheyfits, L. A., Moldovanskaya, G. I., Broun, E. V.,  
Belov, V. N.

TITLE: Analyses in the Field of Terpenophenols. III. Analyses of  
the Condensation Products of Camphene With Phenol

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 5, pp. 1716-1721

TEXT: The authors examined the composition and structure of the reaction products that are formed by the condensation of camphene with phenol in the presence of a solution of borontrifluoride in glacial acetic acid. After standing for a long time a crystalline substance separates from the fractions of the vacuum distillation of the resin that is formed by this condensation; in pure state it forms bright, colorless needles, which melt at 103°. This product was isolated for the first time by two of the authors together with E. A. Simanovskaya. It was identified as p-isobornyl phenol. The oil from which this product separates, crystallizes again gradually after the separation of the p-isobornyl phenol and after several months forms a crystalline substance with a melting point of 79°. The authors were able to show that

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Analyses in the Field of Terpenophenols.  
III. Analyses of the Condensation Products of  
Camphene With Phenol

S/079/60/030/05/66/074  
B005/B126

this compound is *o*-isobornyl phenol. Since the described separation of both isomeric isobornyl phenols is very difficult, the authors worked out a more suitable and easier method of isolating both compounds in pure state. In aqueous *lyes* both compounds are insoluble; but in aqueous-alcoholic *lyes* the para-isomers are more readily soluble than the *ortho*-isomers, which fact can be used for the separation. In order to prove the structure of the two compounds in detail, the authors took infrared absorption spectra of solutions of both isomeric compounds in carbon tetrachloride and in bromoform (Fig. 1). The analysis of the spectra is given in detail. Fig. 2 shows the ultraviolet absorption spectra of both isobornyl phenols. The assumed structure was also confirmed by measuring the dipole moments of the two compounds and their dibromides. It was established that 70% *o*-isobornyl phenol and 20% *p*-isobornyl phenol are formed by this condensation. The remaining 10% is probably composed partly of isobornyl acetate, which can form on the acetylation of camphene with acetic acid in the presence of  $BF_3$ . All the reactions carried out are described in detail in the experimental part. N. I. Kursanov is mentioned (Ref. 19). The authors thank A. V. Iogansen for valuable advice concerning the spectroscopic analyses, and Ye. A. Shott-L'vova for the

Card 2/3

3/3

KOLOGRIVOVA, N.Ye.; Gerasimovich, T.B.; PEREGODOVA, Zh.A.; KHEYFITS, L.A.

Hydrogenation of the condensation product of *m*-cresol with  
acetone. Trudy VNIISNDV no.5:3-6 '61. (MIRA 14:10)

(Acetone)  
(Pheno) condensation products

KHEYFITS, L.A.; MOLDOVANSKAYA, G.I.; BELOV, V.N.

Odorous substances derived from alkylphenols. Report No. 2:  
Synthesis of odorous substances from 4-(1'-methylcyclohexyl)-  
phenol. Trudy VNIISNDV no. 5:6-8 '61. (MIRA 14110)  
(Odorous substances) (Phenol)

KHEYFITS, L.A.; SHARPOVA, R.I.

Ultraviolet spectra of certain phenols under steric hindrance.  
Trudy VNIISNDV no.5:70-72 '61. (MIRA 14:10)  
(Phenols—Spectra)

KHEYFETS, L.A.; SHULOV, L.M.; PERSIANOVA, I.V.; BELOV, V.N.

Terpenophenols. Part 5: Determination of the dissociation  
contents of some sterically hindered terpenophenols in aqueous  
organic solvents. Zhur. Khim. ob. 31 no.3:723-726 Mr '61.

(MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.  
(Phenols)

KHEYFETS, L.A., inzh.

Electric circuits for remote control of diesel engines on diesel  
locomotives. Mashinostroenie no.4:82-84 Jl-Ag '62.

(MIRA 15:9)

1. Luganskiy teplovozostroitel'nyy zavod imeni Oktyabr'skoy  
revolyutsii. (Diesel locomotives) (Remote control)

LUPKIN, D.M., kand.tekhn.nauk; RUDAKOV, B.V., inzh.; SEMENOV, N.P., inzh.;  
SUMAKOV, B.A., inzh.; KHEYFITS, L.A., inzh.

Main line electric locomotive with a synchronous motor and  
hydraulic transmission. [Trudy] LIIZHT no.193:77-92  
'62. (MIRA 15:12)

1. Leningradskiy institut inzhenerov zhelezodorozhного  
transporta (for Lupkin, Rudakov, Semenov, Sumakov). 2. Luganskiy  
teplovozostroitel'nyy zavod (for Kheyfits).  
(Electric locomotives)

KHEYFITS, L.A.; SHULOV, L.M.; KOKHMANSKIY, A.V.; BELOV, V.N. [deceased]

Terpene phenols. Part II. Condensation of norbornene with  $\alpha$ -cresol and transformations of the condensation product. Zhur. ob. khim. 33 no. 7:2412-2418 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh i natural'nykh dushistykh veshchestv.  
(Norbornene) (Cresol)

KHEYFITS, L. A.; SHULOV, L. M.; GURA, Yu.; GOL'DOVSKIY, A. Ye.

"Sintes dushistykh veshestva na osnove norbornena."

report submitted for 35th Intl Cong, Industrial Chemistry, Warsaw, 15-19 Sep 64.

KHEYFITS, L. A.; GURA, Yu.; PODBEREZINA, A. S.

"Sintez dushistikh veshchestv na osnove tetrametiletilena."

report submitted for 35th Intl Cong, Industrial Chemistry, Warsaw, 15-19  
Sep 64.

KHEYFITS, L. A.; VIREZUB, S. I.

Production of odorous substances from dicyclopentadiene.  
Zhur. ob. Khim. 34 no.6:2081-2084 Je '64. (MIRA 1717)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh  
i natural'nykh dushistykh veshchestv.

KHEYFETS, L.B., kandidat meditsinskikh nauk

Peculiarities of the clinical course of Flexner's dysentery in Archangel. Sov.med. 21 no.5:84-88 My '57. (MLRA 10:?)

1. Iz kafedry infektsionnykh bolezney i epidemiologii Arkhangelskogo meditsinskogo instituta (dir. - dotsent A.I.Kirov)  
(DYSENTERY, BACILLARY, epidemiol.  
in Russia)

KHEYFETS, L.B.; KAMOLIKOVA, T.L.; KONTOROVICH, R.A.

An outbreak of epidemic hepatitis at an arctic settlement. Vop.virus.  
3 no.1:47-49 Ja-F '58. (MIRA 11:4)

1. Arkhangel'skiy meditsinskiy institut i Arkhangel'skiy institut  
epidemiologii, mikrobiologii i gigiyeny.  
(HEPATITIS, INFECTIOUS,  
epidemic in arctic settlement (Rus))

The origin of this epidemic was found in contaminated nature. IT  
shows that virus hepatitis may occur in non-northern areas.

KHEYFETS, L.B.

Some features of the dynamics of dysentery morbidity in a limited area  
of a city; author's abstract. Zhur.mikrobiol.epid. i immun. 29  
no.4:90 Ap '58. (MIRA 11:4)

1. Iz Arkhangel'skogo instituta epidemiologii, mikrobiologii i gigiyeny  
(DYSENTERY, BACILLARY, epidemiology,  
in cities, morbidity dynamics (Rus)

KHEYFETS, L.B.; KILESSO, V.A.; KAPIAN, A.Ye.; GUMALEVICH, G.S.; TIMEN, Ya.Ye.; SKROZNIKOVA, A.V.; GUSEVA, Yu. I.

Epidemiological results of an investigation of polyvaccine. Zhur. mikrobiol. epid. i immun. 29 no.10:44-48 O '58. (MIEA 11:12)

(VACCINES AND VACCINATION,

typhoid paratyphoid-dysenterial polyvaccines, field results (Rus))

(DYSENTERY, BACILLARY, prev. & control,  
same)

(TYPHOID FEVER, prev. & control,  
same)

(PARATYPHOID FEVER, prev. & control,  
same)

~~KHEYETS, L. B. & GURALEVICH, G. S.~~

Method of organization of vaccination against enteric infections; practical considerations. Zhur. mikrobiol. epid. i immun. 29 no. 11:123-125 N '58. (MIRA 12:1)

1. Iz Arkhangel'skogo instituta epidemiologii, mikrobiologii i gigiyeny i Arkhangel'skoy gorodskoy sanitarno-epidemiologicheskoy stantsii. (GASTROINTESTINAL DISEASES, prev. & control, vacc. (Rus))

KHEYFITS, L.B.; KOLOBOVA, L.V.; FALEVSKAYA, Ye.A.; OTSING, A.D.

Epidemiology and clinical picture of Breslau salmonellosis.  
Sov.med. 23 no.7:97-102 J1 '59. (MIRA 12:11)

1. Iz Arkhangel'skogo nauchno-issledovatel'skogo instituta  
epidemiologii, mikrobiologii i gigiyeny (dir. N.Ya. Alfer'yeva)  
i Arkhangel'skoy gorodskoy infektsionnoy bol'nitsy (glavnyy  
vrach A.V. Kottaova).

(SALMONELLA INFECTIONS)

KHEYFETS, L.B.; KHAZANOV, M.I.

Method for epidemiological studies of NIISI polyvaccine. Zhur.mikro-biol., epid.i immun. 30 no.11:51-56 N '59. (MIRA 13:3)

1. In Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova.  
(TYPHOID immunol.)  
(PARATYPHOID FEVERS immunol.)  
(TETANUS immunol.)  
(DISENTERY BACILLARY immunol.)  
(VACCINATION)

HEYFETS, L.B.; FALEVSKAYA, Ye.A. ( Arkhangel'sk)

A case of acute hepatitis induced by Salmonella Thompson. *Klin.med.*  
37 no.1:138-139 Ja '59. (MIRA 12:3)

1. Iz Arkhangel'skogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. M.Ya. Alfer'yeva) i Arkhangel'skoy gorodskoy infektsionnoy bol'nitsy (glavnnyy vrach A.V. Kottsova).

(HEPATITIS, etiol. & pathogen.

acute, caused by Salmonella infect. (Rus))

(SALMONELLA INFECTIONS, compl.

hepatitis, acute (Rus))

KHEYFETS, L.I.B.; KHAZANOV, M.I.; KANAREYKINA, S.K.

Immunological effectiveness and reactogenic properties of a polyvaccine containing novocaine. Zhur.mikrobiol.epid.i immun. 32 no.2:101-106 F '61. (MIRA 14:6)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova. (VACCINES) (NOVOCAIN)

KHAZANOV, M.I.; KHEYFETS, L.B.; SALMIN, L.V.

Data on reactogenic properties of polyvaccines not containing a cholera component. Zhur. mikrobiol. epid. i immun. 31 no.2:59-64 D '60. (MIRA 14:6)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova.  
(VACCINES)

~~KHEYFETS, L.B.; KHAZANOV, M.I.; LEYTMAN, M.Z.; KUZ'MINOVA, M.L.; SLAVINA, Kh.M.; VASIL'YEVA, A.V.; MILOVANOVA, A.S.~~

Typhoid-paratyphoid-tetanus chemically sorbed vaccine. (Experimental study, reactogenic properties, epidemiological effectiveness). Zhur. mikrobiol., epid. i immun. 32 no. 9:18-25 S '61. (MLA 15:2)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Nechnikova, Tashkentskogo instituta vaktsin i syvorotok, Turkmeneskogo instituta epidemiologii i gigiyeny i Kazakhskogo instituta epidemiologii, mikrobiologii i gigiyeny.

(TYPHOID FEVER) (PARATYPHOID FEVER)  
(TETANUS) (VACCINES)

XHEYFETS, L.B.; LEITMAN, M.Z.; KUZ'MINOVA, M.L.; SAIMIN, L.V.;  
SLAVINA, A.M.; ZHDANOVA, L.D.; PIETNEVA, O.G.; KOYERMAN, L.I.;  
GINZBURG, G.M.; VARSANOVA, Ye.Ya.; MEL'NIK, Ye.Yu.

Studies on the epidemiological effectiveness of alcohol  
corpuscular and chemical sorbed typhoid and paratyphoid  
fever vaccines. Zhur. mikrobiol., epid. i immun. 33 no. 7:  
53-59 Jl '62. (MIRA 17:1)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni  
Mechnikova i Tashkentskogo instituta vaktsin i syvorotok.

BESSMERTNIY, Boris Semenovich; KHEYFETS, Leonid Borisovich;  
SHVARTSMAN, L.A., red.; RASHMAKOV, G.M., tekhn. red.

[Evaluation of the effectiveness of measures on the prevention of infectious diseases; theory, statistics, organizational problems] Otsenka effektivnosti meropriyatiy po profilaktike infektsionnykh boleznei; teoriia, statistika, organizatsionnye voprosy. Moskva, Medgiz, 1963. 201 p. (MIRA 17:3)

KHAZANOV, M. I., KHEYVETS, L. B., SALMIN, L. V.

Epidemiological effectiveness of polyvaccine against typhoid fever and dysentery from data of a widely controlled epidemiological experiment in 1958. Zhur. mikrobiol. epid. i immun. 33 no.10:105-111 0'62  
(MIRA 17:4)

1. Iz Moskovskogo instituta vaktsin i sывороток имени Мечникова.

KHEYFETS, L. B.; SALMIN, L. V.; LEYTMAN, M. Z.; KUZ'MINOVA, M. L.;  
VASIL'YEVA, A. V.; GAL'PERIN, I. P.; SLAVINA, A. M.; ZHDANOVA, L. D.;  
PLETNEVA, O. G.; VARANOVA, Ye. Ya.; GINZBURG, G. M.; GLYAZER, N. G.;  
MEL'NIK, Ye. Yu.

Comparative evaluation of typhoid fever vaccine prepared by various  
methods, materials from an epidemiological experiment in 1961.  
Zhur. mikrobiol., epid. i imm. 41 no. 2;70-76 F '64.  
(MIRA 17:9)

1. Moskovskiy institut vaktsin-i syvorotok imeni Mochnikova,  
Tashkentskiy institut vaktsin i syvorotok i Ashkhabadskiy  
institut epidemiologii, mikrobiologii i gigiyeny.

KHEYFETS, L.B., TELYANTS, V.N.

Statistical grouping of data on morbidity by means of electronic computers. Zhur.mikrobiol., epid. i immun. 42 no.12:10-16  
D '65. (MIRA 1981)

1. Moskovskiy institut vaktsin i sывороток имени Мечникова.

KHEYFETS, L.G., inzh.; CHEKAREV, V.A., kand. tekhn. nauk.

Methods of work standardization in mining. Shakht. stroi. 9  
no.7:12-14. Jl.'65. (MIRA 18:10)

1. TSentral'noye normativno-issledovatel'skoye byuro pri  
Nauchno-issledovatel'skom institute ekonomiki stroitel'stva  
Gosstroya SSSR (for Kheyfets). 2. Nauchno-issledovatel'skiy  
institut ekonomiki stroitel'stva Gosstroya SSSR (for Chekarev).

MINING

L. G. Linshov'schuk'shik

Labor-consuming tasks involved in vertical mine shaft lining.  
Shakht stroitel'no. 9:9-11 8 '59. (MIRA 12:12)

1. Tsentral'noye nauchno-issledovatel'skoye byuro Nauchno-  
issledovatel'skogo instituta ekonomiki stroitel'stva Akademii  
stroitel'stva i arkhitektury SSSR.  
(Shaft sinking) (Mine timbering)

CHEKAREV, V.A., kand.tekhn.nauk; VIKHOREVA, M.K.; KRAYZMAN, G.N.;  
CHEYETS, L.G.; GRIBIN, G.P., otv.red.; KHAVIN, B.M., red.  
izd-va; EL'KINA, E.M., tekhn.red.

[Uniform work standards for operations in developing coal  
mines and open-pit mines] Edinyye normy vyrabotki na gornoproc-  
chodcheskie raboty pri stroitel'stve ugol'nykh shakht i  
kar'erov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i  
stroitel'materialam, 1960. 133 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva.  
(Mining engineering)

KHEYFETS, L.G., inzh.

Consultation in answer to a query from V. G. Smirnov. Shakht.  
stroi. 6 no.3:30 Mr '62. (MIRA 15:3)

1. Ispolnitel' obyazannostey nachal'nika otdela gornoprokhodcheskikh  
rabot TSentral'nego normativno-issledovatel'skogo byuro pri  
Nauchno-issledovatel'skom institute ekonomiki stroitel'stva.  
(Shaft sinking)